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(72) Inventor: **Turunen, Matti**
33560 Tampere (FI)

(74) Representative: **Johansson, Folke Anders et al**
Nokia Mobile Phones Ltd.,
Intellectual Property Rights,
Keilalahdentie 4
02150 Espoo (FI)

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(71) Applicant: **NOKIA MOBILE PHONES LTD.**
02150 Espoo (FI)

(54) **Mobile internet protocol**

(57) A method of enabling roaming of a mobile internet-access terminal from a first to a second internet access network each of which has a home agent for routing internet datagrams between networks. The method comprises de-registering the mobile terminal from said first network and registering it with said second network and allocating to the mobile terminal a new internet address in said second network. This new internet address

is transmitted to the first network's home agent which registers that address as a care-of-address or co-located care-of-address for the mobile host. Datagrams addressed to the new internet address are sent directly to the mobile host via the second network's home agent. Datagrams addressed to a previous internet address of the mobile terminal in said first network are forwarded from that network's home agent to the mobile host, via the second network's home agent.

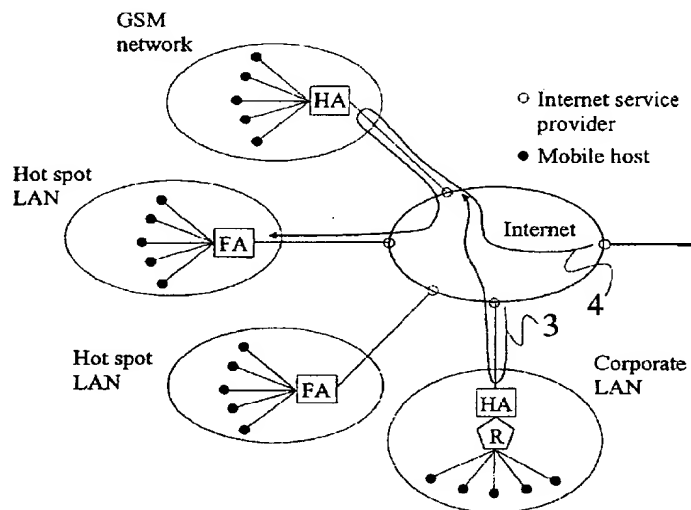


Figure 3

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EUROPEAN SEARCH REPORT

Application Number
EP 98 66 0119

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The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 28 June 1999	Examiner Masche, C
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

EPO FORM 1503 03/82 (P04C01)



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EUROPEAN SEARCH REPORT

Application Number
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<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons</p> <p>& : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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